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PATENT, TRADEMARK
AND COPYRIGHT LAW

FACSIMILE (703) 684-1157

Date: August 28, 2000

Attorney Docket No. ASA-923

To: Assistant Commissioner for Patents
Washington, D.C. 20231

Sir: Transmitted herewith for filing is the patent application of:

Inventor: H. MATSUI et al (See Attached List)

For:
SCREEN DISPLAY CONTROL AND TRANSITION METHOD AND ITS SYSTEM

Enclosed are:

- ☒ 13 Sheets of Drawings
- ☒ This application is being filed without an executed Declaration.
- ☒ Priority is claimed from Japanese Application No. 11-285331
filed October 6, 1999. ☐ A certified copy is attached herewith.
- ☒ Copies of the disclosure documents listed on the attached PTO 1449 form and
☒ discussed in the specification or ☐ attached Information Disclosure Statement.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27.
- ☒ Specification: Abstract X, Description 19 pages; and 8 claim(s).
- ☐ Preliminary Amendment.
- ☐ Executed Declaration.

The filing fee is calculated as shown below:

Small Entity

Large Entity

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	8 - 20 = *	0
Indep Claims	6 - 3 = *	3
<input type="checkbox"/> Multiple Dependent Claim (s)		

* If difference is less than zero
then enter '0' in second column

Rate	Fee
	\$ 345
x 9	\$
x 39	\$
+ 130	\$
Total	\$

OR

Rate	Fee
	\$ 690
x 18	\$ 0
x 78	\$ 234
+ 260	\$ 0
Total	\$ 924

☒ A check in the amount of \$ 924.00 is enclosed for the filing fee.

☒ The Commissioner is hereby authorized to charge any additional fees that may be required to
Deposit Account No. 50-1417.

Respectfully Submitted,

By:

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Variable	Mean	SD	Min	Max
Age	34.5	10.2	22	55
Gender	0.45	0.50	0	1
Marital Status	0.60	0.49	0	1
Education	12.5	1.5	9	16
Income	1500	500	500	3000
Health	0.75	0.43	0	1
Stress	0.65	0.48	0	1
Depression	0.30	0.46	0	1
Life Satisfaction	0.55	0.50	0	1
Resilience	0.60	0.49	0	1
Optimism	0.50	0.50	0	1
Gratitude	0.40	0.49	0	1
Forgiveness	0.35	0.48	0	1
Self-Compassion	0.45	0.50	0	1
Emotional Regulation	0.55	0.49	0	1
Psychological Well-being	0.60	0.49	0	1
Life Satisfaction	0.55	0.50	0	1
Resilience	0.60	0.49	0	1
Optimism	0.50	0.50	0	1
Gratitude	0.40	0.49	0	1
Forgiveness	0.35	0.48	0	1
Self-Compassion	0.45	0.50	0	1
Emotional Regulation	0.55	0.49	0	1
Psychological Well-being	0.60	0.49	0	1

SCREEN DISPLAY CONTROL AND TRANSITION METHOD AND ITS SYSTEM

Hayaki MATSUI
Norio DANBARA

SCREEN DISPLAY CONTROL AND TRANSITION METHOD
AND ITS SYSTEM

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to a method for realizing screen transitions on the WWW (World Wide Web) browser on the screen of an automatic teller machine (hereafter referred to as a Web-compatible ATM), which incorporates a WWW browser to make use of the Internet.

Of late the spread of the Internet is remarkable indeed, and progress has been made in the use of the Internet by ATMs (Automated Teller Machines) and the terminals of information supply service.

It is possible to easily create a home page using HTML (HyperText Markup Language) to transmit information over the Internet.

If a WWW browser is loaded in the ATM, information available over the Internet can be displayed on the ATM screen. Moreover, financial institutions are expected to become capable of providing new service by use of the Internet, and adding and changing the screen images of the ATM by adopting HTML.

A file written in HTML (a HTML file) has a layout of objects (keys and specific areas of text) and describes the processes to be executed when events (a key being pressed, the occurrence of time-out, etc.) related to the objects occur.

To show a process which is executed when an event occurs as an example, when a given key is pressed, the characters corresponding to this key are displayed sequentially or the current image shifts to the next
5 image on the WWW browser screen.

In an screen transition control unit disclosed in JP-A-10-143359, it is proposed to provide an image content generator, an screen transition process generator and a process module generator, and arrange
10 for an screen transition program to be created when an screen transition process is generated supposing that the designer has prepared a flowchart showing an screen transition process.

Generally, in an HTML file, even when an image
15 of the same content is used several times, if the image differs at the transition destination depending on the situation where the image is used, a problem is that original images must be prepared as many as are required at the transition destination.

On the other hand, in the screen transition control unit in JP-A-10-143359, though the screen transition process is shown as a flowchart, this method leaves a possibility of omitting a description of some process corresponding to an event that occurs in a given
20 image and another problem with this method is that it requires specific process modules when generated screen transitions are put into practice.

SUMMARY OF THE INVENTION

An object of the present invention is to divide HTML information into an HTML file describing an image content and an HTML file describing a screen transition process to thereby increase the independence and reusability of images.

Another object of the present invention is to adopt a table form to create an HTML file describing a screen transition process to thereby eliminate an omission of description of transition destinations corresponding to events.

To achieve the above objects, according to an aspect of the present invention, there is provided a screen display control method in an information processing unit sequentially changing over a series of image contents to display images on the screen, wherein image content information and screen transition process information, said screen transition process information being used to perform the screen transition process, are separate and generated separately, and wherein the frame layout of an image is composed of a parent frame and two child frames in the parent frame and the above-mentioned image content information is stored in one child frame and the above-mentioned screen transition process information is stored in the other child frame.

In a second aspect of the present invention, there is provided a method for generating a screen transition program to carry out the screen transition

process in an information processing unit sequentially
shifting a series of image contents to display images on
the screen. This method comprises storing a sheet
describing the processing items in the screen transition
5 process in a table form and an screen transition program
generator in a file, wherein the screen transition
program generator sequentially reads the processing
items from the sheet, sequentially writes in the file a
necessary program descriptions corresponding to the read
10 processing items, and generates an screen transition
program on the file.

In a third aspect of the present invention,
there is provided a method for generating an screen
transition program to carry out the screen transition
15 process in the information processing unit sequentially
changing a series of image contents to display images on
the screen. This method comprises storing content-parts
in the screen transition process and a manager sheet
describing in table form events that occur in the
20 content part as processing items, and a controller sheet
describing the processing items in the content part in
table form and an screen transition program generator in
a file, wherein the screen transition program generator
sequentially reads the processing items described in the
25 manager sheet, sequentially writes, in the file,
necessary program descriptions corresponding to the read
processing items, generates a manager, and sequentially
reads the processing items described in the controller

sheet, sequentially writes, in the file, necessary
program descriptions corresponding to the read
processing items, generates a controller, and generates
an screen transition program consisting of the manager
5 and the controller on the file.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a diagram schematically showing an
example of system configuration of a Web-compatible ATM
to which the present invention is applied;

10 Figs. 2A, 2B are diagrams showing a frame
layout of the ATM screen according to the present
invention;

Figs. 3A, 3B, 3C, 3D, 3E, 3F are diagrams
showing an example of screen transitions of banking
15 transactions, provided by the Web-compatible ATM;

Fig. 4 is a diagram showing the call relations
by which to realize the image contents and screen
transitions that appear on the Web-compatible ATM;

Fig. 5 is a diagram showing a method for
20 installing an HTML file to realize the frame layout
shown in Fig. 2;

Fig. 6 is a diagram showing an example of a
manager sheet;

Fig. 7 is a diagram showing an example of a
25 controller sheet;

Fig. 8 is a diagram showing an example of an
screen transition program generated based on the manager

sheet;

Fig. 9 is a diagram showing an example of an screen transition program generated based on the controller sheet;

5 Fig. 10A is a flowchart showing the steps for generating an screen transition program based on the manager sheet;

Fig. 10B is a flowchart following the flowchart in Fig. 11A;

10 Fig. 11A is a flowchart showing the steps for generating an screen transition program based on the controller sheet;

Fig. 11B is a flowchart following the flowchart in Fig. 11A;

15 DESCRIPTION OF THE EMBODIMENT

The preferred embodiment of the present invention will be described with reference to the accompanying drawings.

20 Fig. 1 is a schematic diagram showing an example of system configuration of a Web-compatible ATM to which the present invention is applied.

In a bank 101, Web-compatible ATMs 102a to 102n are connected through LAN 103 to a WWW server 104.

25 The Web-compatible ATMs 102a to 102n, by using information (HTML file, for example) downloaded from the WWW server 104, show information on the screen, handle transactions and provide various kinds of services to

customers.

The Web-compatible ATMs 102a to 102n make use of services by WWW servers 108a to 108n under affiliation with the bank 101 through the proxy server
5 106 and the circuits of the Internet 107 and so on.

The WWW servers 104, 108a to 108n are connected to hard drives 105 and 109, which contain the image contents (HTML file) 110 and the screen transition program (HTML file) 111.

10 The screen transition program 111 is generated by an screen transition program generator 112, which characterizes the present invention.

This screen transition program generator 112 generates an screen transition program (HTML file) based
15 on a manager sheet/controller sheet 113 in table form stored in the hard drive 114. The manager sheet/controller sheet 113 will be described later on. In this embodiment, the manager sheet/controller sheet 113 is stored in the hard drive 114, but may be stored in
20 the hard drive 109.

In this embodiment, the ATMs 102a to 102n are designated as Web-compatible ones and the organization 101 as a bank. However, the ATMs are in a trend toward diversification in service and differentiation in
25 function, so that the equipment to which the present invention is applied may cover items of equipment which are designated as other than ATM and the installation site may be other sectors other than banking facilities.

With a Web-compatible ATM, the screen appears as indicated at 201. With regard to its hierarchical structure, there is one parent frame 202 and at a lower level, there are a child frame 203 that contains screen transition process information and another child frame 204 that contains image content information.

Fig. 3A to 3F show the screen transitions in banking transactions provided by Web-compatible ATMs 102a to 102n.

The screen shows the transaction selection image 301, in which there are the message display area 302 and transaction selection keys 303 (Fig. 3A).

The card insertion-waiting image 311 has an illustration 312 that asks the customer to insert a card, a delete key 313, and a message display area 314.

When a card is inserted, the identification input image 321 appears (Fig. 3C).

5 At the end of transmission or reception to or
from the host, the balance display image 341 is shown on
the host-related transmission-reception image 331 (Fig.
3E).

When the Confirm key 342 is depressed, the card reception-waiting image 351 appears (Fig. 3F). While the card reception-waiting image 351 is being shown, when the customer receives the medium such as a card, the transaction selection image 301 appears again (Fig. 3A).

20 Fig. 4 shows the call relations by which to realize the image contents and the screen transitions that appear on the Web-compatible ATMs 102a to 102n.

25 The controller 402a to 402n decides the next
image from the image currently displayed and from an
event that occurs in that image and causes an image
switchover.

The image content 404a1 to 404nm causes an image to be displayed and performs a process corresponding to an event.

Note that the image content 404a1 to 404nm can be generated by using an ordinary home page generating tool.

The content part 403a to 403n is one process unit in a transaction, such as amount input, identification number input and putting in cash.

For example, in the amount input content part, the amount input image is displayed and the user inputs an amount of money.

If the entered sum of money is incorrect, the amount reentry image appears, and the user inputs an amount of money again. These steps occur in a set sequence.

Generally, one content part consists of a plurality of images.

Figs. 3A to 3F show representative screen transitions.

Fig. 5 shows how HTML files are loaded to realize the frame layout shown in Figs. 2A and 2B.

HTML information is divided by a FRAMESET tag into child frames, one called Manager and the other called View.

The Manager frame is currently set to size 0.

Fig. 6 shows a manager sheet 601, in other words, an screen transition table that tabulates the

processes of the manager 401 to execute the screen transitions in the example shown in Figs. 3A to 3F.

The transaction name 602 is "inquiry of balance" in Fig. 6.

5 The rows 603, vertically stacked, are the content parts, such as "Waiting for card insertion".

The columns 604, horizontally arranged, show the events, such as the "End of process", which occur in each content part.

10 The squares 605 show the row (line) numbers as transition destinations, which indicate what content part is the next destination when an event occurred in the content part.

15 If a square 605 is blank, this means that if the specified events have occurred in the content part, this transaction (balance inquiry in the case shown in Fig. 6) is terminated at this point.

Fig. 7 is a controller sheet 701, in other words, an screen transition table tabulating the processes of the controller 402 to execute screen transitions in the content part in the example of Fig. 3.

The content part name 702 is "Waiting for card insertion" in this example.

25 The rows 703, vertically stacked, are the images, such as the Card-insertion-waiting image 1.

The column 704 lists the events, such as waiting for card insertion, which occur in each image.

The squares 705 show the row numbers as transition destinations, which indicate what content part is the next destination when an event occurred in the content part.

5 If a square 605 is blank, this means that if the specified events have occurred in the content part, this transaction (waiting for card insertion in the case of Fig. 7) is terminated at this point.

10 Note that generally there are a plurality of controller sheets with respect to one manager sheet.

Fig. 7 shows only one content part titled Waiting for card insertion.

15 Fig. 8 is an screen transition program 901 generated from the manager sheet 601, simply referred to as a manager.

Fig. 9 is an screen transition program 1001 generated from the controller sheet 701, simply referred to as a controller.

20 Because generally there are a number of controller sheets, there are controllers, namely, screen transition programs as many as the controller sheets.

Fig. 9 shows only the CardSounyuu.asp portion of the screen transition program.

25 Fig. 10A is a flowchart showing the steps for generating an screen transition program 901, in other words, a manager from a manager sheet 601.

At Step 1101, a transaction name is obtained from a manager sheet 601.

At Step 1102, a file titled Manager.asp is opened to write a generated program.

At Step 1103, <HTML>,<SCRIPT
language="VBScript"> is written as a character string.

5 At Step 1104, variable Y is set as Y=1.

At Step 1105, a content part name at the line Y of the manager sheet 601 is obtained.

At Step 1106, by referring to a dictionary sheet 801, the English name of the content part obtained
10 at Step 1105 is obtained.

At Step 1107, <!--#INCLUDE FILE=", the English name of the content part obtained at Step 1106, .asp"--> is written as a character string in a file.

At Step 1108, the variable Y is incremented by
15 1, i.e. Y=Y+1.

At Step 1109, the variable Y is compared with the number of lines of the manager sheet, and if the variable Y is smaller or equal to the number of lines, the processes from Step 1105 to 1108 are repeated.

At Step 1110, <!--#INCLUDE FILE="Shougai.asp"--> is written as a character string in the file.

At Step 1111, Sub Manager(ManagerID, ContentsParts, Code) is written as a character string in the file.

At Step 1112, If (Code="Fault") then, Shougai "Start", ", the transaction name obtained at Step 1101, ", End if, Select Case ManagerID are written as a character string in the file.

At Step 1114, Select Case ContentsParts is
5 written as a character string in the file.

At Step 1116, the content part name at the first line of the manager sheet 601 is obtained and its English name is obtained by referring to the dictionary sheet 801.

At Step 1118, the variable Y is set as Y=1.

At Step 1120, Case ", the content part name
20 obtained at Step 1119 written as a character string in
the file.

At Step 1122, the variable X is set as X=1.

At Step 1124, the transition destination, the line Y and the column X, in the manager sheet 601 is

obtained.

At Step 1125, if the transition destination obtained at Step 1124 is blank, the following processes from Step 1126 to 1128 are skipped.

5 At Step 1126, Case "", the event name obtained at Step 1123 is written as a character string in the file.

At Step 1127, the content part name at that line number of the transition destination in the manager sheet 601 which was obtained at Step 1124 is obtained, and its English name is obtained by referring to the dictionary sheet 801.

At Step 1128, the English name of the content part, obtained at Step 1124, "Start", the transaction name obtained at Step 1101 are written as a character string in the file.

At Step 1129, the variable X is incremented by 1, i.e. $X=X+1$.

At Step 1130, the variable X is compared with the number of columns of the manager sheet 601 and if the variable X is smaller than or equal to the number of columns, the processes from Step 1123 to Step 1129 are repeated.

At Step 1131, End Select is written as a character string in the file.

At Step 1132, the variable Y is incremented by 1, i.e., $Y=Y+1$.

At Step 1133, the variable Y is compared with

the number of lines of the manager sheet 601, and if the variable Y is smaller or equal to the number of lines, the processes from Step 1119 to Step 1120 are repeated.

At Step 1134, End Select is written as a
5 character string in the file.

At Step 1135, End Select is written as a character string in the file.

At Step 1136, End Sub, </SCRIPT>, </html> are written as a character string in the file.

10 At Step 1137, the file is closed.

Figs. 11A and 11B are flowcharts showing the steps for generating the screen transition program 1001, in other words, the controller 1001 from the controller sheet 701.

15 At Step 1201, a content part name is obtained from the controller sheet 701, and its English name is obtained by referring to the dictionary sheet 801.

At Step 1202, a file with the English content part name, obtained at Step 1201 and added with .asp is
20 opened.

At Step 1203, Sub, the English content part name obtained at Step 1201, (Gamen Code) are written as a character string in the file.

At Step 1204, Select Case Gamen is written as
25 a character string in the file.

At Step 1205, Case "Start", Session ("YobidashiManager")=Code are written as a character string in the file.

At Step 1207, top.View.location= ", the
5 English image name obtained at Step 1206, ".html" are
written as a character string in the file.

At Step 1209, an image name at the line Y of the controller sheet 701 is obtained.

At Step 1211, Select Case Code is written as a character string in the file.

At Step 1213, an event name at the column X of the controller sheet 701 is obtained.

At Step 1215, if the transition destination obtained at Step 1214 is blank, the following processes from Step 1126 to 1128 are skipped.

At Step 1217, the content part name at the transition destination obtained at Step 1214 in the

character string in the file.

At Step 1226, the file is closed.

Description has been made of the Web-compatible ATM according to the present invention, but
5 the present invention is not limited to the Web-compatible ATM, and can be applied to other business systems or various kinds of information terminals.

According to embodiments of the present invention, the images and the screen transition
10 information of the Web-compatible ATM can be generated and managed independently of each other. Therefore, it becomes possible to prepare image description files in advance and select which file to use.

Further, it becomes possible to easily control
15 the screen transitions according to an screen transition table.

It is easy to divide work between ATM image generation and screen transition table generation.

The scope of application of the present
20 invention is effective not only to Web-compatible ATMs but also to other business systems and various kinds of information terminals.

CLAIMS

1. In an information processing unit by sequentially changing a series of image contents to display images on the screen, an image display control method and a system therefore, comprising the steps of:

generating separately image content information describing image content to display on said information processing unit and screen transition process information describing an screen transition process to deal with said series of image contents;

forming an image displayed on said information processing unit by a parent frame and two child frames included in said parent frame;

storing said image content information in one child frame and said screen transition process information in the other child frame; and

sequentially changing said series of image contents to display the images based on said screen transition process information.

2. An image display control method according to Claim 1, wherein said image content information includes information about the message display area for displaying specified messages and information about an item selection image for the user to select an optional item from a plurality of items in accordance with said displayed image, and wherein when the user selects an image of an item and an event occurs, a transition takes place to any of said series of image contents.

4. An screen transition method for executing an screen transition process in an information processing unit for sequentially changing a series of image contents to display images on the screen by the images, comprising the steps of:

sequentially reading the processing items described in table form and carrying out said screen transition process of said series of image contents.

generating content parts, each showing processing units, in the screen transition process and a manager sheet describing events in the content parts as processing items in table form;

generating a controller sheet describing the processing items in the screen transitions in said content parts in table form;

storing in a file a sheet describing the

processing items of the screen transition process in table form and an screen transition program generator, wherein said screen transition program generator sequentially reads the processing items from said sheet, sequentially writes in the file necessary program descriptions corresponding to the read processing items, and generates an screen transition program on the file.

8. A method for generating screen transitions to carry out the screen transition process in an information processing unit sequentially changing a series of image to carry out the screen transition process to display images on the screen, comprising the step of:

storing content parts in the screen transition process and a manager sheet describing in table form events that occur in the content part as processing items, and a controller sheet describing said processing items in the content part in table form and an screen transition program generator in a file, wherein said screen transition program generator sequentially reads said processing items described in the manager sheet, sequentially writes, in the file, necessary program descriptions corresponding to the read processing items, generates a manager, and sequentially reads said processing items described in the controller sheet, sequentially writes, in the file, necessary program descriptions corresponding to said read processing items, generates a controller, and generates an screen

transition program consisting of said manager and said controller on the file.

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An image display control method and its system for this method in an information processing unit sequentially changing a series of image contents to display images on the screen. Image content information for displaying image contents on the information processing unit and screen transition process information for performing an screen transition process on a series of image contents are made separate and generated separately. One frame of the display image of the information processing unit consists of one parent frame and two child frames in the parent frame. The image content information is stored in one child frame and the screen transition process information is stored in the other child frame, and a series of image contents is sequentially moved to display images on the screen.

FIG. 1

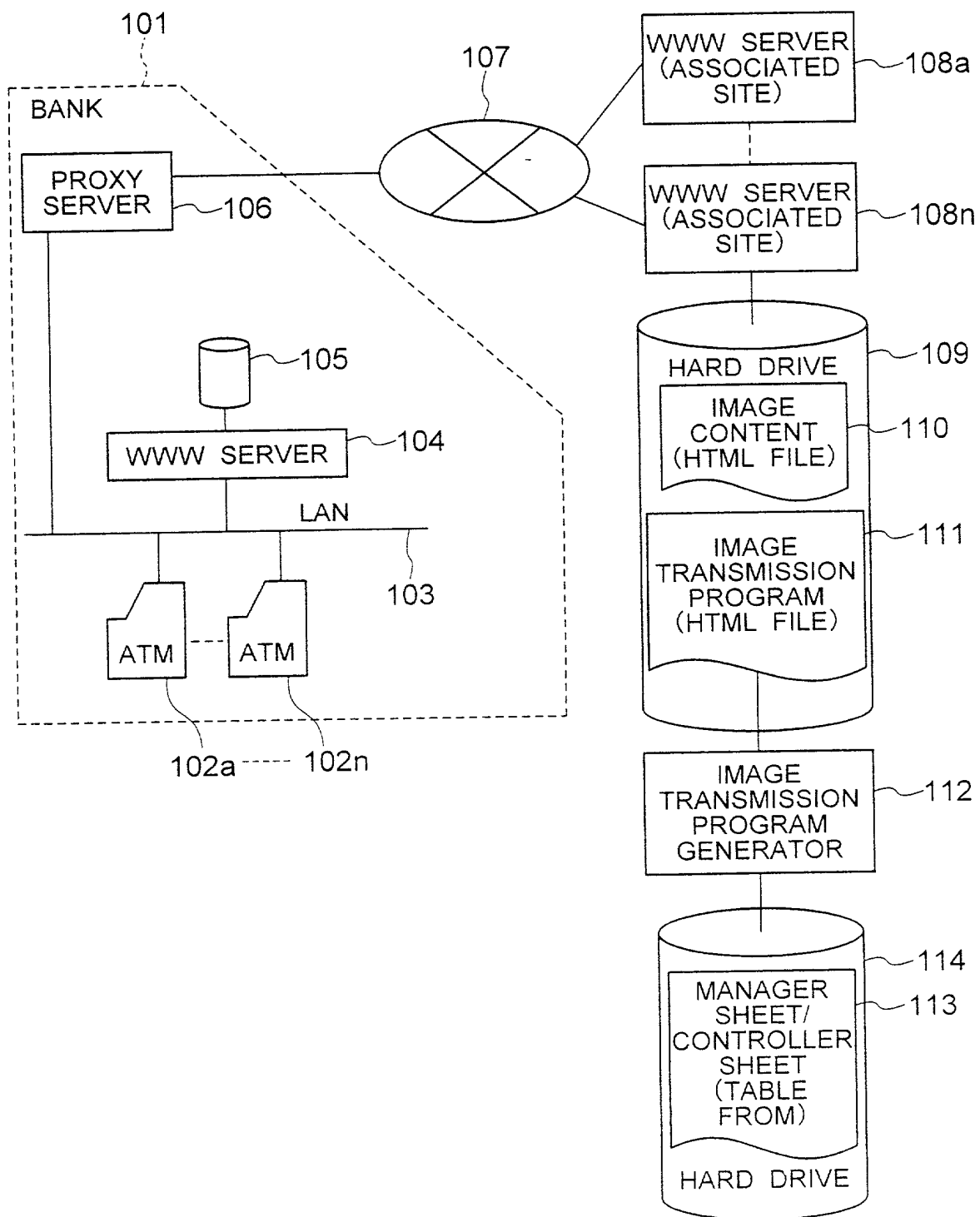


FIG. 2A

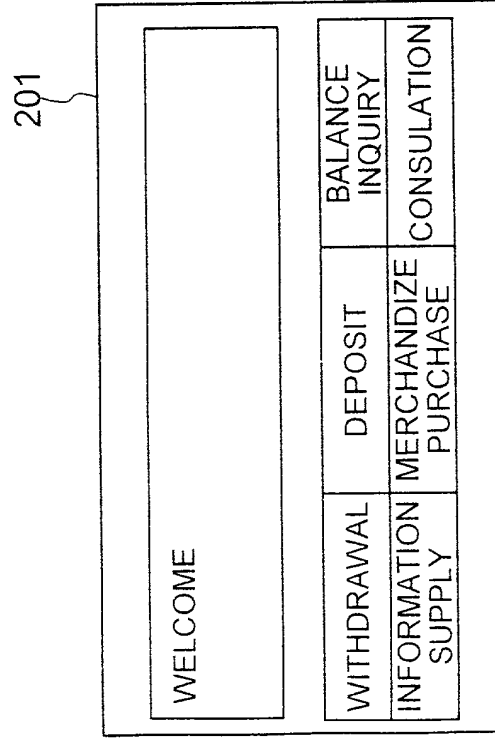


FIG. 2B

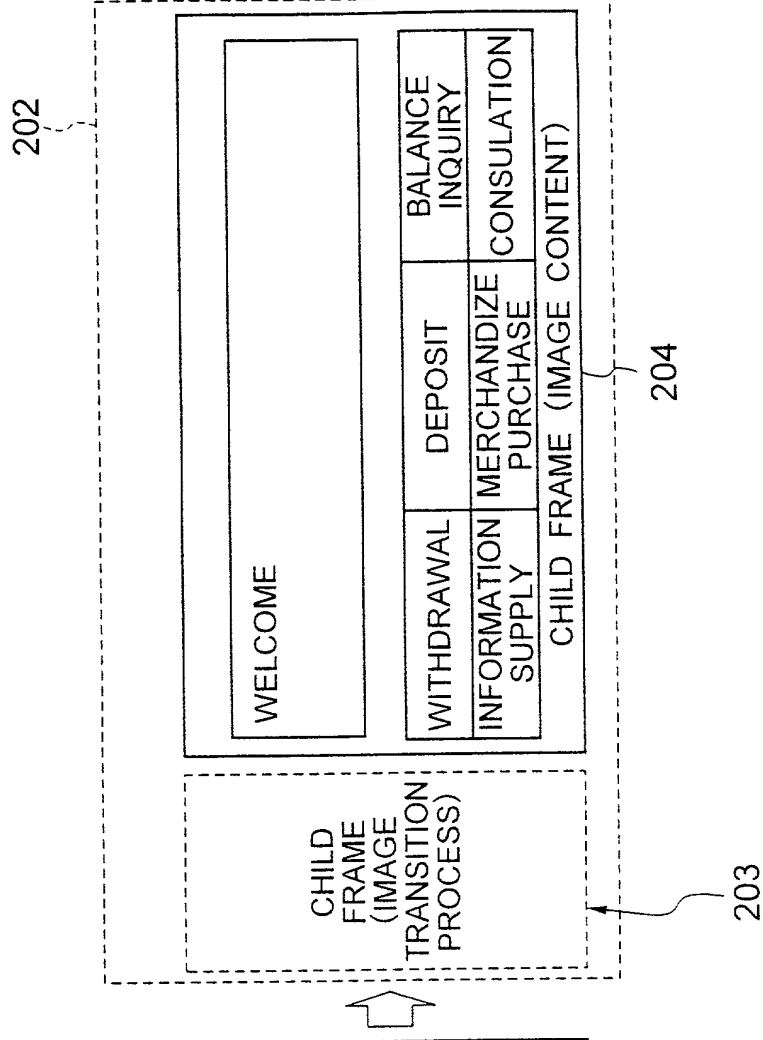


FIG. 3A

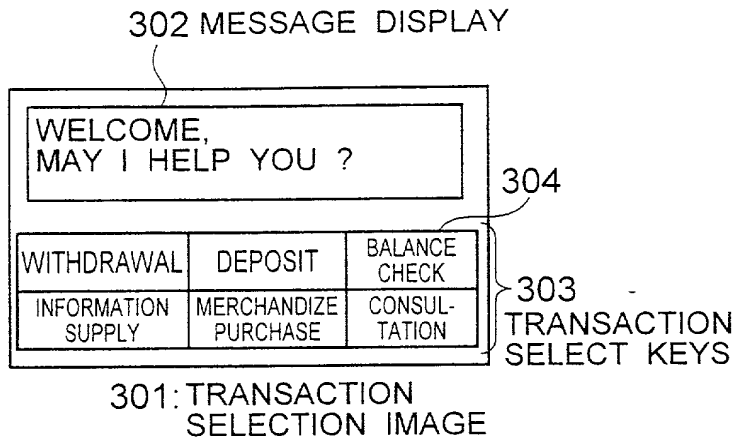


FIG. 3D

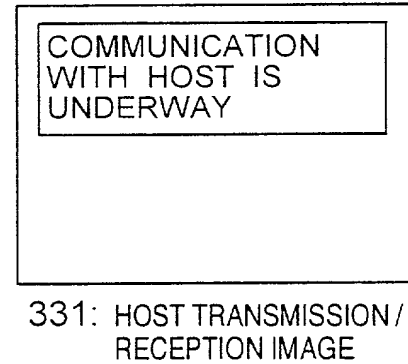


FIG. 3B

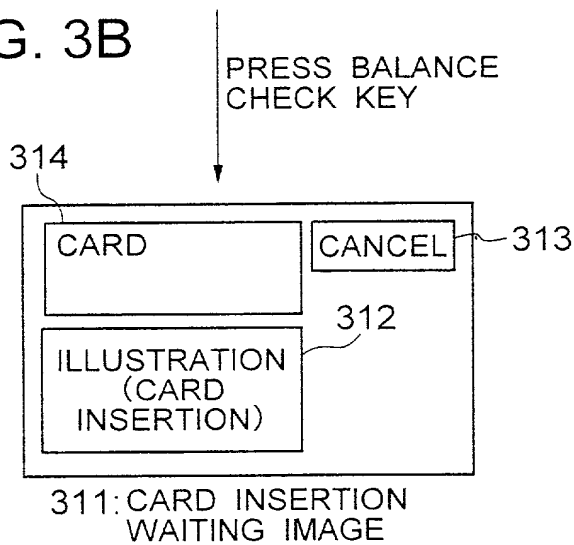


FIG. 3E

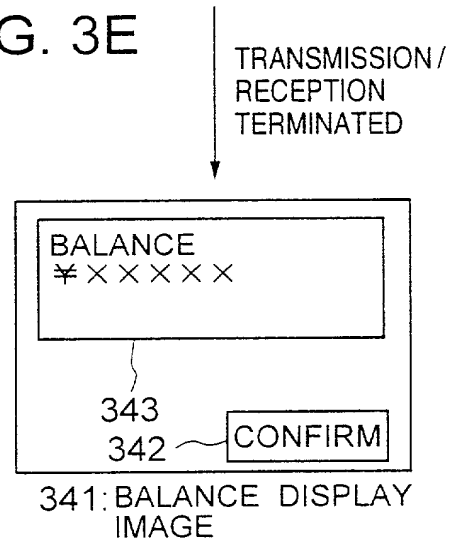


FIG. 3C

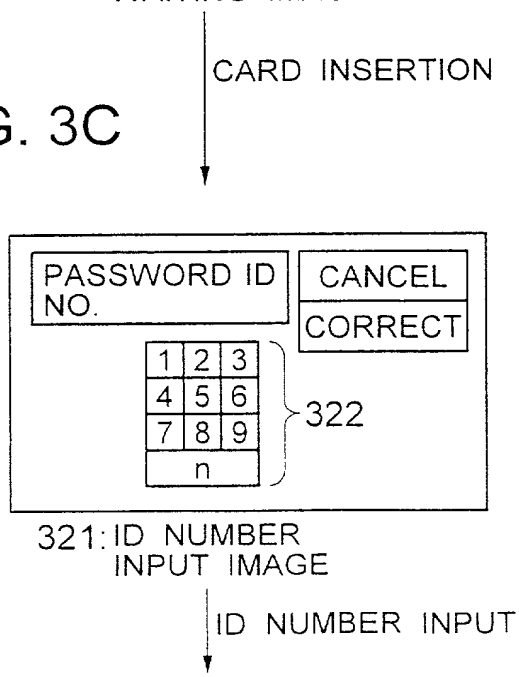


FIG. 3F

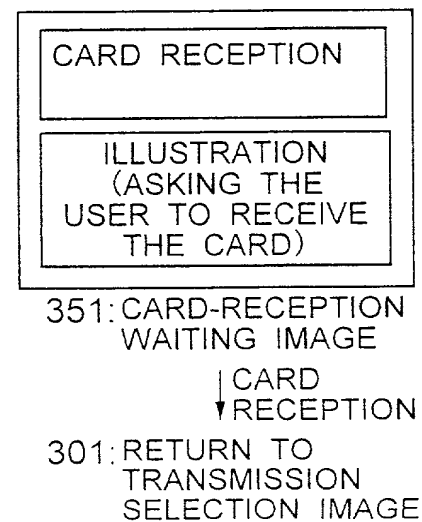


FIG. 4

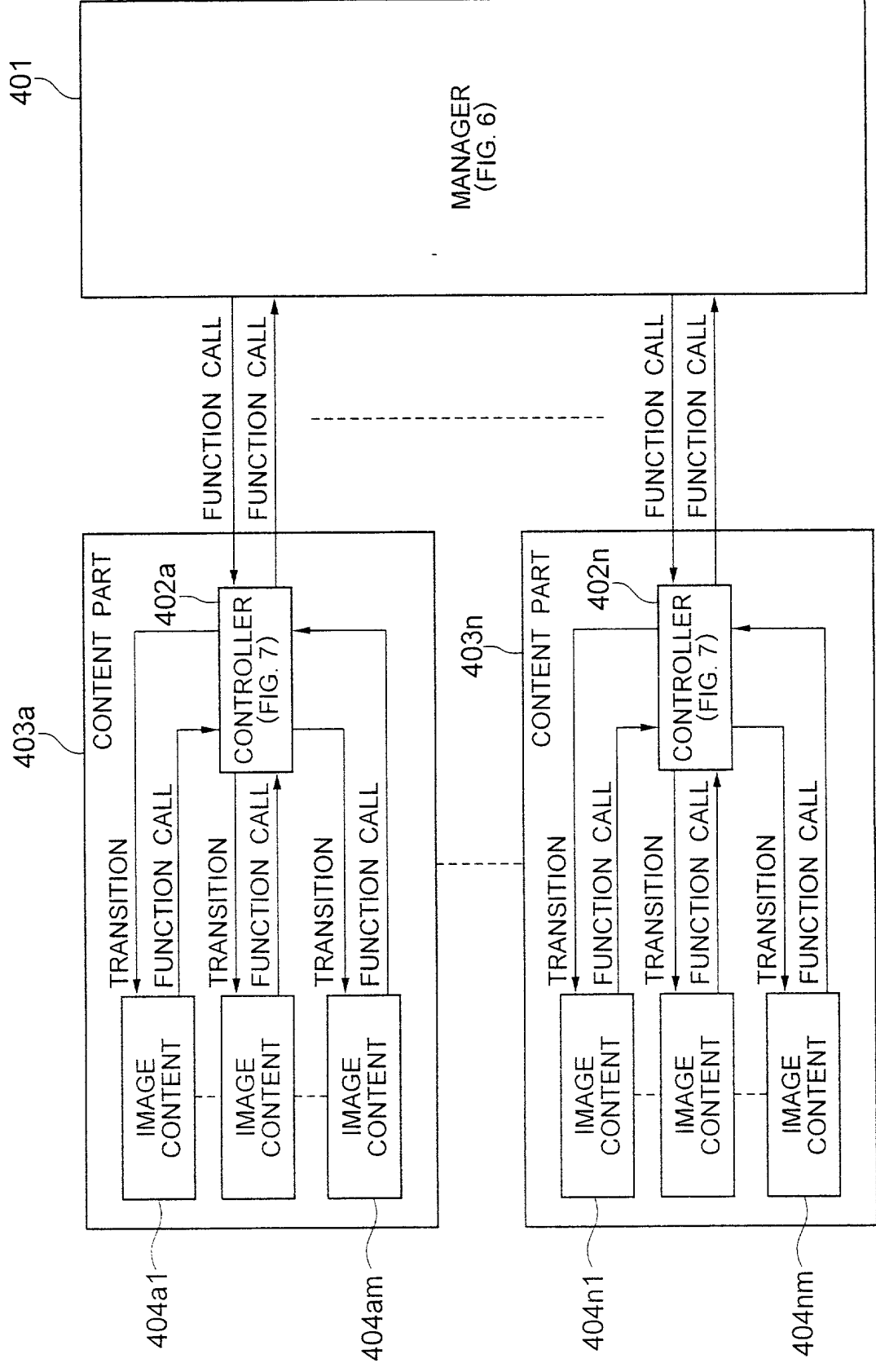


FIG. 5

```
<HTML>
<HEAD></HEAD>
<FRAMESET COLS="0,*" BORDER=1>
<FRAME SRC="Manager.asp"
  SCROLLING="AUTO" NAME="Manager" MARGINWIDTH="2" MARGINHEIGHT="20">
<FRAME SRC="Menu.htm"
  SCROLLING="AUTO" NAME="View" MARGINWIDTH="2" MARGINHEIGHT="20">
</FRAMESET>
</HTML>
```


FIG. 7

CONTENT PART NAME:
WAITING FOR CARD_INSERTION 702

No.	IMAGE NAME	END OF PROCESS
1	Cardinsertionwatingimage1	2
2	Cardinsertionwatingimage2	3
3	Cardinsertionwatingimage3	

703 { 705 { 704 {

701

FIG. 8

MANAGER. ASP

```
<HTML>
<SCRIPT language="VBScript">
<!--#INCLUDE FILE="Cardsounyuu.asp"-->
<!--#INCLUDE FILE="AnshouNyuuryoku.asp"-->
<!--#INCLUDE FILE="HostSoujushin.asp"-->
<!--#INCLUDE FILE="ZandakasHyouji.asp"-->
<!--#INCLUDE FILE="BintaiUketori.asp"-->
<!--#INCLUDE FILE="Saikaishi.asp"-->
<!--#INCLUDE FILE="Shougai.asp"-->

Sub Manager (ManagerID, ContentsParts, Code)
If (Code="Fault") then
    Shougai "Start","Balance Check"
End If
Select Case Manager ID
Case "Balance Inquiry"
    Select Case ContentsParts
    Case "Start"
        CardSounyuu "Start","Balance Check"
    Case "Waiting For Card Insertion"
        Select Case Code
        Case "End Of Process"
            AnshouNyuuryoku "Start", "Balanced Check"
        Case "Restart"
            Saikaishi "Start", "Balanced Check"
        End Select
    Case "ID Number Input"
        Select Case Code
        Case "End Of Process"
            Host Soujushin "Start", "Balanced Check"
        Case "Restart"
            Saikaishi "Start", "Balanced Check"
        End Select
    End Select
End Sub
```

(CONTINUED FROM THE
LEFT COLUMN)

```
Case "Transmission Reception To Host"
    Select Case Code
    Case "End Of Process"
        ZandakaHyouji "Start", "Balance Inquiry"
    Case "Restart"
        Saikaishi "Start", "Balance Inquiry"
    End Select
Case "Balanced Display"
    Select Case Code
    Case "End Of Process"
        BintaiUketori "Start", "Balance Inquiry"
    Case "Restart"
        Saikaishi "Start", "Balance Inquiry"
    End Select
Case Waiting For Medium Reception
    Select Case Code
    End Select
End Select
Case "Restart"
    Select Case Code
    End Select
End Select
End Sub
</SCRIPT>
</HTML>
```

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OF THE RIGHT COLUMN)

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FIG. 9

CardSounyuu.asp

```
Sub CardSounyuu (Gamen, Code)
  Select Case Gamen
    Case "Start"
      Session("Yobidashi Manager")=Code
      top.view location = "CardSounyuu1Gamen.htmj"
    Case "Card Insertion Wating Image 1"
      Select Case Code
        Case "End of Process"
          top. View. location="CardSounyuu2Gamen.htmj"
        Case Else
          top.Manager.Manager Session("YobidashiManager"),"Wating For Card insertion" Code
      End Select
    Case "Card Insertion Wating Image 2"
      Select Case Code
        Case "End Of Process"
          top. View. location = "CardSounyuu3Gamen.htmj"
        Case Else
          top.Manager.Manager Session("YobidashiManager"),"Wating For Card insertion" Code
      End Select
    Case "Card Insertion Wating Image 3"
      Select Case Card
        Case Else
          top.Manager.Manager Session("YobidashiManager"),"Wating For Card insertion" Code
      End Select
    Case Else
      top.Manager.Manager Session("YobidashiManager"),"Wating For Card insertion" Code
    End Select
  End Sub
```

FIG. 10A

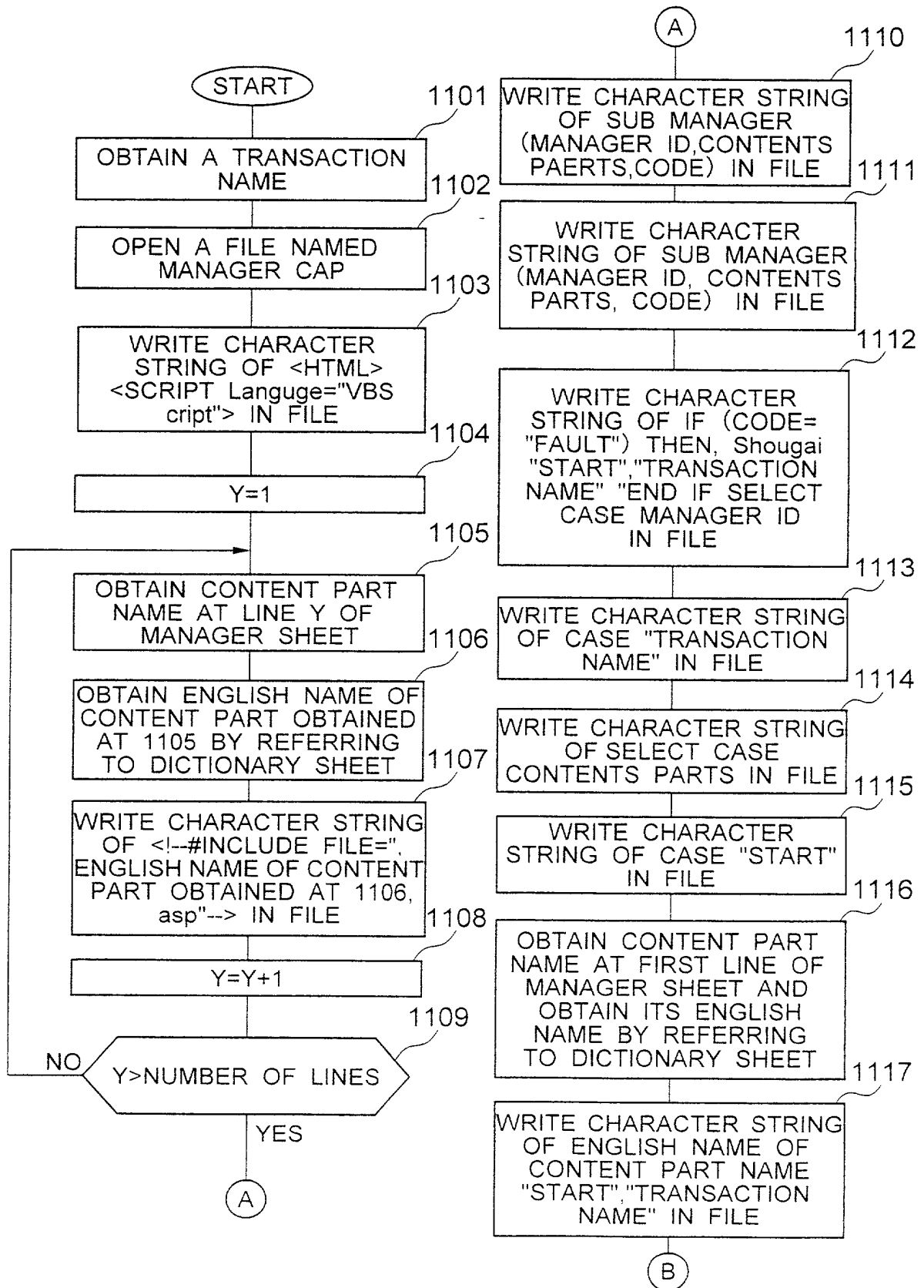


FIG. 10B

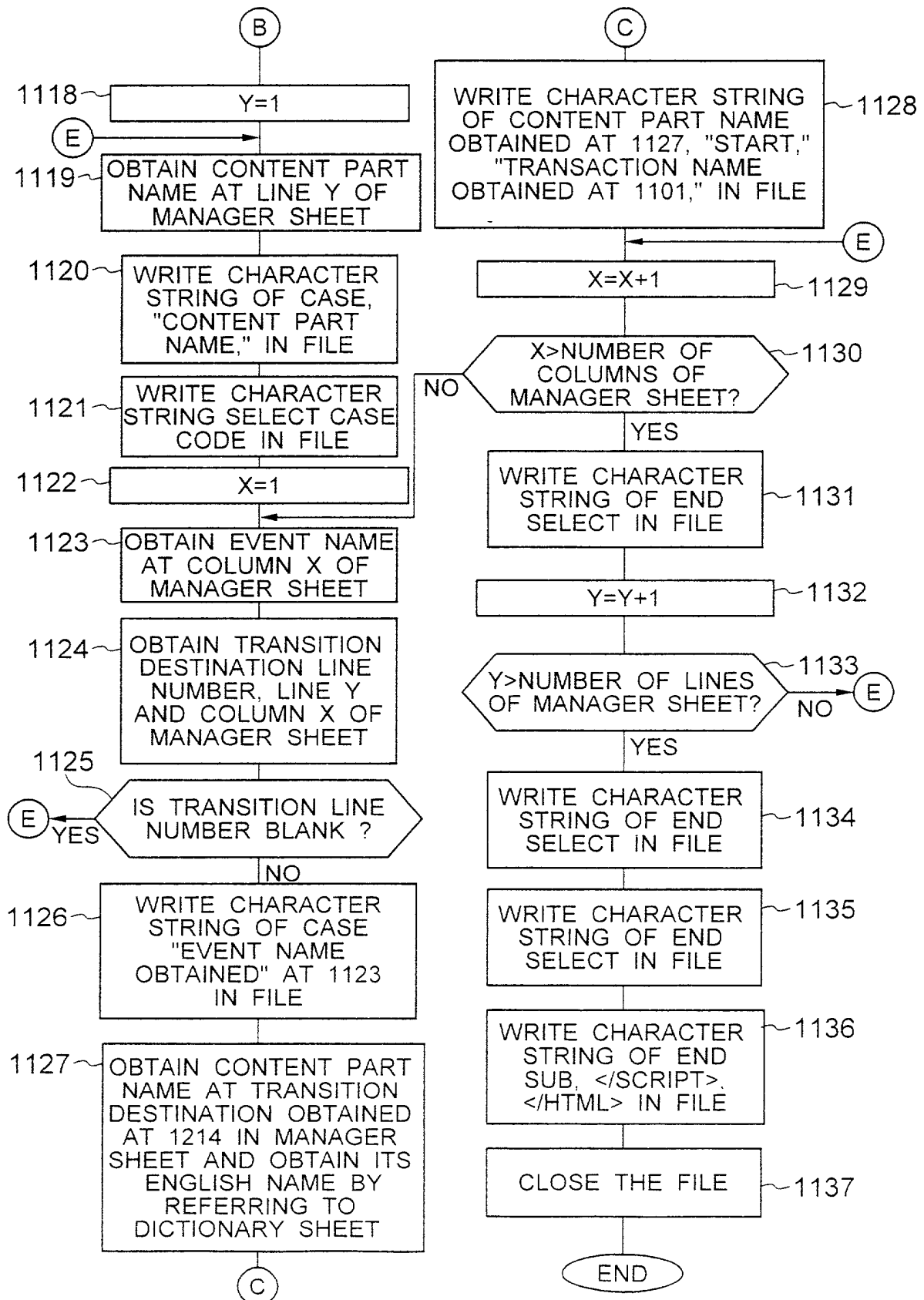


FIG. 11A

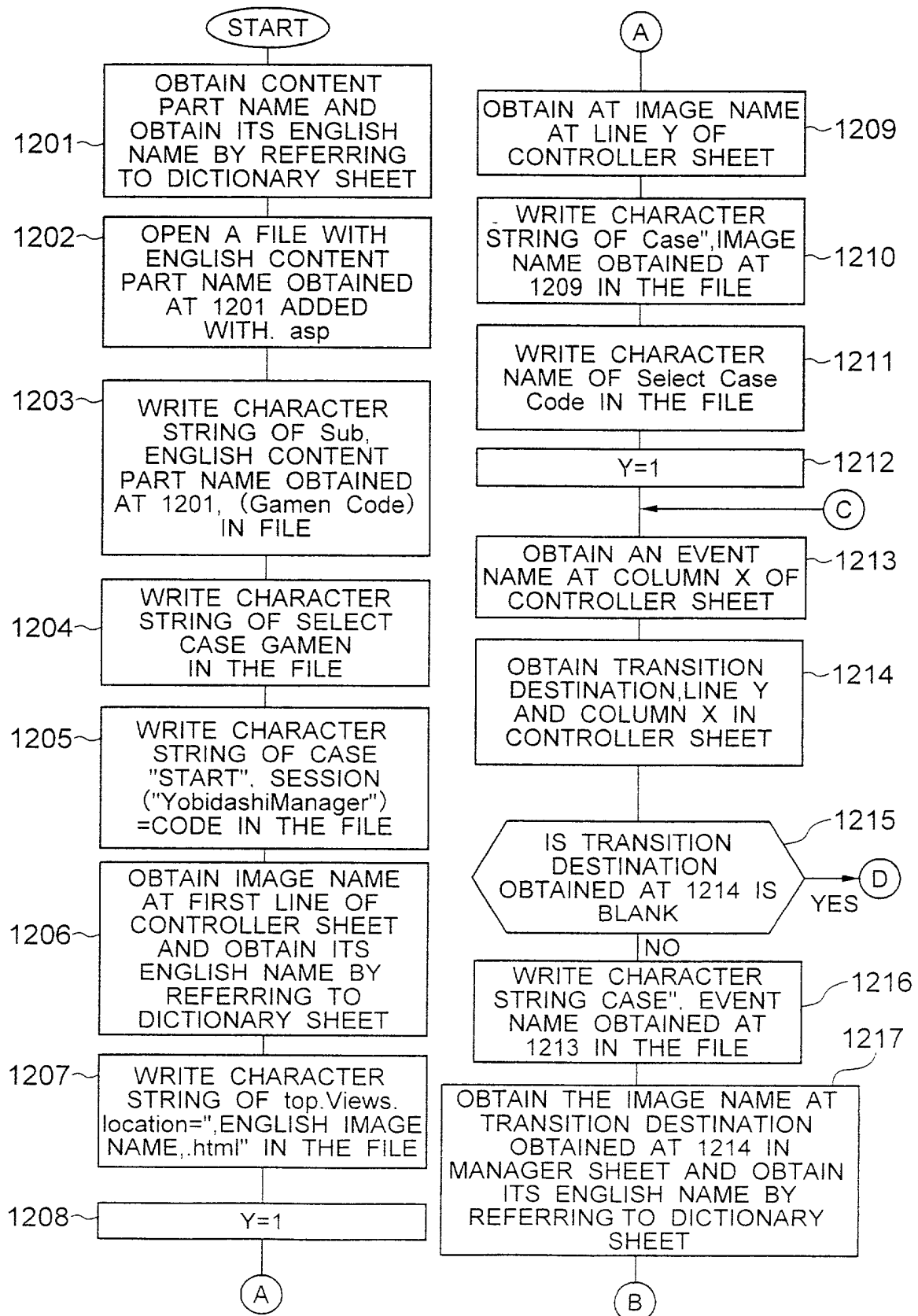


FIG. 11B

